

25X1

CLASSIFICATION

C-O-N-F-I-D-E-N-T-I-A-L

25X1

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CD NO

COUNTRY

USSR (Black Sea)

DATE DISTR

5 October 1955

SUBJECT

Atomic Energy Research Institute at Agudzeri

NO. OF PAGES

9

25X1

PLACE
ACQUIRED

NO. OF ENCLS.

(LISTED BELOW)

DATE OF
INFO.REFERENCES:
SUPPLEMENT TO
REPORT NO.

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
OF THE UNITED STATES WITHIN THE MEANING OF TITLE 18, SECTIONS 793
AND 794 OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELA-
TION OF ITS CONTENTS TO AN UNAUTHORIZED PERSON
IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

25X1

This report includes
a sketch map of the institute at Agudzheri, and two sketches of technical
devices.

25X1

Comment: Professor Leipinski is probably Aleksandr I.
Leypunskiy, and Kvartskava is probably I.F. Kvartskhava, and Kurochkin
should be read instead of Kuruchkin.

25X1

25X1

25X1

CLASSIFICATION

C-O-N-F-I-D-E-N-T-I-A-L

STATE	X	NAVY	X	NSRB	DISTRIBUTION				
ARMY	X	AIR	X	FBI	OSI	✓	ABC	✓	

25X1

CLASSIFICATION CONFIDENTIAL

25X1

COUNTRY USSR

REPORT

-2-

TOPIC Atomic Research Institute near AgudzeriEVALUATION PLACE OBTAINED

25X1

DATE OF CONTENT

25X1

DATE OBTAINED DATE PREPARED 14 October 1954

25X1

REFERENCES PAGES 2 ENCLOSURES (NO. & TYPE) REMARKS This is UNEVALUATED Information

25X1

1. The atomic research institute headed by Professor Dr. Gustav Hertz was located near Agudzeri on the Black Sea. The Soviet section of the institute was headed by Soviet Professor Leipinski (fnu) under whom a general worked. Hertz was assisted by a Soviet citizen named Kvartskava (fnu) who came from the Tiflis area and who was still at the institute in 1949. Deputy chief of the installation was one Major Bizayev (fnu) who played a leading role in the dismantling of scientific institutes in Berlin. The chief of the mechanical workshop of the atomic research institute was Mikhailovich Kuruchkin. In 1947 Lydia Aleksandrovka, an engineer arrived at the institute.

25X1

2. A total of about 60 persons including 15 Soviets was employed in the mechanical workshop of the atomic research institute.

25X1

CLASSIFICATION CONFIDENTIALDISTRIBUTION

25X1

25X1

CONFIDENTIAL

-3-

25X1

25X1

25X1

3. Rotary vacuum pumps of various sizes were repaired at the mechanical workshop. These pumps were of American make or Soviet copies of such makes.

CONFIDENTIAL

25X1

-1-

25X1

not to scale

25X1

Sketch No. 1
Layout of Institute at Agudzeri

Sketch No. 2
Layout of Mechanical Workshop

25X1

C-O-N-F-I-D-E-N-T-I-A-L

-5-

25X1

25X1

Sketch No. 1

Layout Sketch of the Atomic Research Institute

Legend:

1. Main building
2. Mechanical workshop
3. Transformer station
4. Chemical department
5. Powerhouse, equipped with four Diesel engines each rated at 200 KVA

Sketch No. 2

Detail sketch of mechanical workshop (item No. 2 of sketch 1), single-story brick building, 60 x 20 meters, roof partly reinforced concrete, partly paper

Legend:

1. Compressor room, equipped with one German compressor
2. Carpenter's shop
3. Plumber's shop
4. Forge
5. Mechanical shop
 - a. Vertical turning and boring machine
 - b. Surface grinding machine
 - c. Internal surface grinding machine and three Wanderer model milling machines
 - d. 10 large and 6 to 8 small lathes
 - e. Planing machine
 - f. Boring machine
 - g. Surface grinding machine
 - h. Two large lathes
 - i. Undetermined
 - k. Work benches
6. Tool room
7. Office

C-O-N-F-I-D-E-N-T-I-A-L

25X1

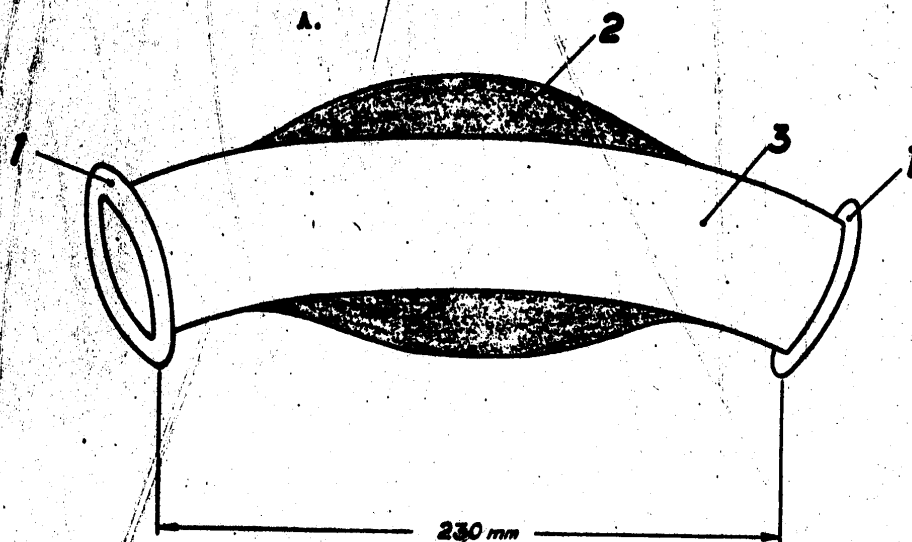
not to scale

C-O-N-F-I-D-E-N-T-I-A-L

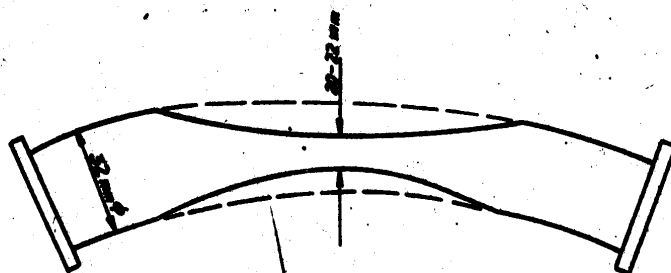
25X1

Sketch No. 3
Devices Made at the Institute

-6-



B.



C-O-N-F-I-D-E-N-T-I-A-L

25X1

C-O-N-F-I-D-E-N-T-I-A-L

25X1

-7-

25X1

Sketch No. 3

A. Top view

B. Side view

Detail Sketches of Workpieces Manufactured at the Institute

Legend

1. Steel flanges
2. Section of tube which was flattened in the course of the production process
3. Tube, outer diameter 35 mm, inner diameter 25 mm

The workpiece, which was ordered by Dr. Werner Schuetze, consisted of copper sheet, 5 mm thick. The workpiece was used between the pile shoe of the magnet. Previously, such workpieces were manufactured at the Siemens plant.

C-O-N-F-I-D-E-N-T-I-A-L

25X1

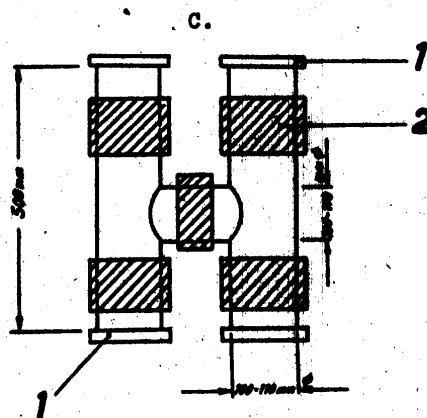
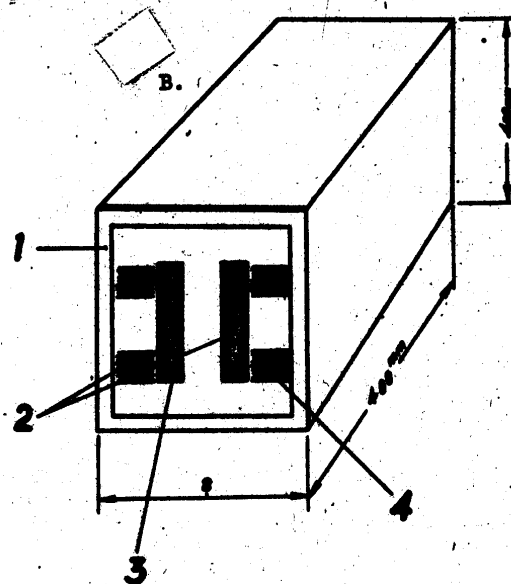
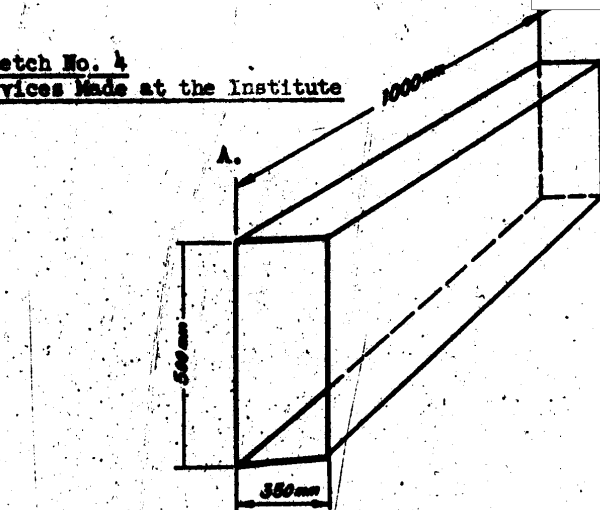
~~NOT TO SCALE~~

25X1

C-O-N-F-I-D-E-N-T-I-A-L

Sketch No. 4
Devices Made at the Institute

-8-



C-O-N-F-I-D-E-N-T-I-A-L

25X1

C-O-N-F-I-D-E-N-T-I-A-L

-9-

Sketch No. 4Workpieces Manufactured at the Atomic Research InstituteLegend

- A. Box of sheet metal, 20 to 22 mm thick, 500 x 350 x 1,000 mm. One front side of the box was open. Heating devices were installed in this box The boxes, a total of eight of which were manufactured for Dr. Justus Muehlenfort, were subsequently installed in an undetermined device.
- B. Box of sheet steel, 45 mm thick (1). Pole shoes (2) were installed in these boxes. The boxes were believed to house magnets for mass spectographs. Twenty units of these boxes were manufactured for Dr. Werner Schuetze from 1947 to 1949.
- C. H-shaped workpiece, consisting of copper tubes, provided with heating devices (3).

25X1

C-O-N-F-I-D-E-N-T-I-A-L

25X1